



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 143390

TO: Phillip Gabel
Location: 3e81 / 3c70
Wednesday, February 02, 2005
Art Unit: 1644
Phone: 272-0844
Serial Number: 08 / 485163

From: Jan Delaval
Location: Biotech-Chem Library
Rem 1a51
Phone: 272-2504

jan.delaval@uspto.gov

Search Notes

This Page Blank (uspto)

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OM nucleic - nucleic search, using sw model

Run on: January 31, 2005, 21:53:18 ; Search time 10474.2 Seconds

11205.958 Million cell updates/sec

Title: US-08-485-163-4

Perfect score: 2482

Sequence: 1 CAAGCCAGAGGCCCTSCCAT.....TGAGGGGGAGAGTGGTC 2482

Scoring table: IDENTITY_NUC

Gapop 10_0 , Gapext: 1.0

Searched: 4526729 seqs, 23644849745 residues

Total number of hits satisfying chosen parameters: 9053458

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

GenEmbl: *
1: gb_baa: *
2: gb_htg: *
3: gb_in: *
4: gb_om: *
5: gb_ov: *
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12: gb_sy: *
13: gb_un: *
14: gb_vri: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

RESULT 1

AR100741 AR100741 Sequence 3 from patent US 6083478. linear PAT 14-FEB-2001

LOCUS AR100741 DEFINITION Sequence 3 from patent US 6083478.

ACCESSION AR100741 VERSION AR100741.1 GI:12811539

KEYWORDS

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 2482)

Aalloway, G.P. and Madden, P.J.

TITLE Non-peptidyl moiety-conjugated CD4-gamma2 and CD4-IgG2

Immunoconjugates and uses thereof

Patent: US 6083478-A 3 04-JUL-2000;

JOURNAL

FEATURES

SOURCE

1. .2482
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ORIGIN

Query Match 100.0 %; Score 2482; DB 6; Length 2482;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

Matches 2482; Conservative

AR100741 Sequence AR100741 Sequence

AR15611 Sequence AR15611 Sequence

AR150196 Sequence AR150196 Sequence

AR184212 Sequence AR184212 Sequence

AR229602 Sequence AR229602 Sequence

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AF449617 Homo sapi AF449617 Homo sapi

AC084717 Homo sapi AC084717 Homo sapi

AL920742 Human chr AL920742 Human chr

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AR367391 Sequence AR367391 Sequence

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AX478055 Sequence AX478055 Sequence

158609 Sequence 16
AR038307 Sequence
AR038321 Sequence
158956 Sequence 15
158110 Sequence 17
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AR69972 Sequence
AX08864 Sequence
AX478054 Sequence
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AR37022 Sequence
BD096656 Transgeni BD021874 Method fo BD021861 Method fo AR176314 Sequence AR216773 Sequence
BD131045 Antibody BD021875 Method fo K01316 Human Ig ge AR035227 Sequence BD182702 Anti-CD4 AR234654 Sequence AR035228 Sequence

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OM nucleic - nucleic search, using sw model

Run on: February 1, 2005, 03:40:26 ; Search time 7912.19 Seconds

11430.900 Million cell updates/sec

Title: US-08-485-163-4

Perfect score: 2482

Sequence: 1 CAGGCCAGAGCCTGCGAT.....TGAGGGAGGAGTGGTC 2482

Scoring table: IDENTITY.NUC

Gapop 10.0 , Gapext 1.0

Searched: 3282875 seqs, 18219865908 residues

Total number of hits satisfying chosen parameters: 65645750

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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 - 2: gb_est2:*
 - 3: gb_htc:*
 - 4: gb_est3:*
 - 5: gb_est4:*
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 - 7: gb_est6:*
 - 8: gb_gsb1:*
 - 9: gb_gsb2:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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RESULT 1	CR593363	CR592363	CR592363	1231 bp mRNA linear	HTC	21-JUL-2004
DEFINITION				full-length cDNA clone CS0DB0061K04 of Placenta of Homo Sapiens (human).		
ACCESSION	CR592363	CR592363.1	GI:50473170			
VERSION						
KEYWORDS						
SOURCE						
ORGANISM						
Homo sapiens						
Bivalvia; Mollusca; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.						
REFERENCE						
AUTHORS	Li, W.B., Gruber,C., Jesse,J. and Polayes,D.					
TITLE						
JOURNAL						
REMARK						
Unpublished						
Contact : Feng Liang Email : fliang@lifetech.com URL : http://fulllength.invitrogen.com/ Invitrogen Corporation 1600 Faraday Avenue						
REFERENCE						
AUTHORS	(bases 1 to 1231)					
TITLE						
JOURNAL						
COMMENT						
	- Web : www.Genoscope.cns.fr					
	1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and EcoR V sites of the pCMVSPORT 6 vector. Library was normalized. Library was constructed by Life Technologies, a division of Invitrogen.					
FEATURES						
SOURCE	Location/Qualifiers					
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Query Match 29.0%; Score 720.2; DB 3; Length 1231;
 Best Local Similarity 87.0%; Pred. No. 4.1e-167;
 Matches 857; Conservative 0; Mismatches 28; Indels 100; Gaps 2;
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GenCore version 5.1.6
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Om nucleic - nucleic search, using sw model

Run on: February 1, 2005, 00:31:21; ; Search time 1195.54 Seconds

(without alignments) 10898.026 Million cell updates/sec

Title: US-08-485-163-4

Perfect score: 2482

Sequence: 1 CAAGCCAGAGCCCTGCGAT.....TGGGGGGCACAGTGGTC 2482

Scoring table: IDENTITY-NUC

Gapop 10.0 , Gapext 1.0

Searched: 4134886 seqs, 2624710521 residues

Total number of hits satisfying chosen parameters:

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Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%*

Maximum Match 100%*

Listing first 45 summaries

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11: geneseqn2003ds:*

12: geneseqn2004s:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

Result No.	Score	Query Length	DB ID	Description
1	2482	100.0	2482 2 AAQ28089	AaQ28089 Encodes C
2	2482	100.0	3 AAQ28056	AaQ28056 CD4-IgG2
3	2482	100.0	4 AAF56396	Aaf56396 CD4-IgG2
4	2482	100.0	4 AAF77830	Aaf77830 Coding se
5	2482	100.0	5 AB55721	AB55721 DNA encod
6	2482	100.0	11 ADM18321	Adm18321 Human CD4
7	2472.4	99.6	2482 2 AAQ57751	Aaq57751 CD4-IgG2
8	2261.6	99.1	2488 2 AAQ7831	Aaq7831 Sequence
9	2158.4	87.0	11228 10 ACH00864	Ach00864 Pro 542 a
10	1795	72.3	2009 10 ADE91377	Ade91377 Human IgG
11	1692.8	68.2	10704 2 AAQ4346	Aaq4346 Plasmid p
12	1641.2	66.1	4 AAF55225	Aaf55225 Nucleotid
13	1641.2	66.1	6 ABK85577	Abk85577 Human IgG
14	1627	65.6	3282 2 AAT4914	Aat4914 DNA encod
15	1627	65.6	10 ADR06733	Ade6733 Human IgG
16	1627	65.6	13254 2 AAT40915	Aat40915 Nucleotid
17	1627	65.6	3 AAT2165	Aat2165 Complete
18	1626.2	65.5	3221 8 ACC47228	Acc4722 Hu266 N56
19	1626.2	65.5	4 AMS11982	Aas11982 DNA encod
20	1626.2	65.5	8 ACC47227	Acc47227 Hu266 N56
21	1626.2	65.5	3244 8 ABZ24635	Abz24635 Humanised

Abz24641 Humanised
 Add13789 Plasmid p
 Aat13777 Human IgG
 Aat18802 Gamma he
 Aav3243 Plasmid p
 Aaz1997 Nucleotid
 Aaf5522 Nucleotid
 Abk85576 Human IgG
 Aaa32164 B12 IgG1
 Aatc0962 TF8-5G9 C
 Aaa1025 pBe12 Com
 Aav3291 Plasmid p
 Aaz22045 Nucleotid
 Adn61720 DNA encod
 Aaa2151 pBe12 Com
 Aaa32150 Modified
 Aaa1024 Modified
 Aav8696 Plasmid e
 Aaz1021 Expressio
 Aah33776 Ch220 he
 Aaa5503 Humanised
 Aaa1038 B12 IgG1
 Aav8695 Plasmid p
 Aaa31039 Complete
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Abz24641 Humanised
 Add13789 Plasmid p
 Aat13777 Human IgG
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 Aaf5522 Nucleotid
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 Aav3291 Plasmid p
 Aaz22045 Nucleotid
 Adn61720 DNA encod
 Aaa2151 pBe12 Com
 Aaa32150 Modified
 Aaa1024 Modified
 Aav8696 Plasmid e
 Aaz1021 Expressio
 Aah33776 Ch220 he
 Aaa5503 Humanised
 Aaa1038 B12 IgG1
 Aav8695 Plasmid p
 Aaa31039 Complete
 Ade97379 Human IgG

XX
PI Beaudry GA, Madden PJ;
XX WPI: 1992-300034/36.
DR P-FSDB; AAR26783.
XX
PT CD4-gamma-2 and CD4-1gG2 chimeric(s) and expression vectors - for treatment, prevention and diagnosis of HIV infection.
XX
PS Claim 13; Fig 4; 90pp; English.
XX
CC This sequence encodes a CD4-gamma2 chimeric heavy chain homodimer. Human CD4 cDNA was excised from plasmid PSP574 as an EcoRI/StuI 0.7 kb fragment, and cloned into M13mp18 forming M13mp18(CD4). This was linearized with PstI, and the SacI (flush) /PstI fragment from pBR gamma2 containing human gamma2 heavy chain (CH1 exon) isolated and ligated to the M13mp18 (vector). Resulting recombinants were then screened by restriction analysis for the presence of both CH4 and CH1 which occur in tandem CD4 (EcoRI/SacI) -CH1 (SacI (flush)/PstI). Site directed mutagenesis was performed to juxtapose the CD4 and CH1 heavy chain sequences in frame. The resulting chimeric DNA molecule encodes a protein containing the V1V2 domains of CD4 fused to the CH1 domain of heavy chain. Plaque containing the chimeric gene with the correct sequence were then grown in TGI cells and RF DNA isolated from the cells. (Updated on 25-MAR-2003 to correct PN field.) (Updated on 24-OCT-2003 to standardise OS field)
XX Sequence 2482 BP; 559 A; 812 C; 676 G; 435 T; 0 U; 0 Other;
SQ

Query Match 100.0%; Score 2482; DB 2; Length 2482;

BEST Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0; Matches 2482; Conservative 0; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CAAGGCCAGAGCCCCTGCCATTCTCTGGCTCAGTCCTCTACTGCTCACCCCTTCCTCC 60
Db 1 CAAGGCCAGAGCCCCTGCCATTCTCTGGCTCAGTCCTCTACTGCTCACCCCTTCCTCC 60
QY 61 CTCGSCAAGGCCACATGACCGCGGGAGTCCCTTTAGGCACTCTGCTCTGCTGCA 120
Db 61 CTCGSCAAGGCCACATGACCGCGGGAGTCCCTTTAGGCACTCTGCTCTGCTGCA 120
QY 121 CTGGGCCTCTCCAGCAGCCACTCAGGAAAGAAGTGGTCTGGCAAAAGGGAT 180
Db 121 CTGSGCCTCTCCAGCAGCCACTCAGGAAAGAAGTGGTCTGGCAAAAGGGAT 180
QY 181 ACAGTGGAAGTGTACCTGTAAGCTGCTTCCAGAGAGAGCATACATTCCACTGGAAAAC 240
Db 181 ACAGTGGAAGTGTACCTGTAAGCTGCTTCCAGAGAGAGCATACATTCCACTGGAAAAC 240
QY 301 CTGAACTGCGCTGACTCAGAGAGAGCCCTTGGGACCAAAGAACCTCCCTGATC 360
Db 301 CTGAACTGCGCTGACTCAGAGAGAGCCCTTGGGACCAAAGAACCTCCCTGATC 360
QY 361 ATCAGAACTTAAAGATCTGGAAATCAGGGCTCTCTCTAACTAAGTCTCATCCAG 300
Db 361 ATCAGAACTTAAAGATCTGGAAATCAGGGCTCTCTCTAACTAAGTCTCATCCAG 300
QY 421 GAGGGAGGTGAACTGTCTGAGATGAGACTCAGAATCTACATCTGGAAGGACAG 420
Db 421 GAGGGAGGTGAACTGTCTGAGATGAGACTCAGAATCTACATCTGGAAGGACAG 420
QY 481 GGGCGAGCTGACCTGGAGAGGCCCTGGTAGGCCCCCTGAGCTGAGCTGCAATG 540
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QY 601 CTCCAGGATAGTGGCACCTGACTCTGAGACAGGAGAGGAGGAGGAGTTC 660

Db 601 CTCCAGGATAGTGGCACCTGACTCTGAGACAGGAGAGGAGGAGTTC 660
QY 661 AAAATAGCATCTGGCTAGTTCCTCCACCAAGGGCCATCGCTCTCCCTTG 720
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Db 721 GCGCCCTGCTCCAGGAGAACCTCGAGAGACACGGCCATCGCTCTCCCTTG 780
QY 721 GCGCCCTGCTCCAGGAGAACCTCGAGAGACACGGCCATCGCTCTCCCTTG 780
QY 781 TACTTCCCGAACCGGTGAGGTTGCTGGAACCTCGAGCTACTCCTCGAGGCTG 840
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QY 841 ACCTTCCAGCTGCTCTAGCTCTCAGGACTACTCCTCGAGGCTG 900
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QY 901 CCCCTCCAGCAACTCGGACCCAGACCTACACCTGCAAGTAGATCAAGGCCAC 960
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QY 961 ACCAGGTGACAGAGCTGGTGGAGGGCCAGCTGCGGGAGGGAGTGTGCGA 1020
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QY 1021 AGCGAGGTGACGGCTCTGGCTGACCCAGGCTGCGGCCAGCCAGGGAG 1080
Db 1021 AGCGAGGTGACGGCTCTGGCTGACCCAGGCTGCGGCCAGCCAGGGAG 1080
QY 1081 CAAGGCCAGCCCATCTGCTCTCACCGGAGGCTCTGCGCGGCCACTATGCTAG 1140
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QY 1141 GGAGAGGGCTCTGGCTTTCACCCAGGGCTCAGGAGGCTCAGGAGGCTCAGGAGGCTCAG 1200
Db 1141 GGAGAGGGCTCTGGCTTTCACCCAGGGCTCAGGAGGCTCAGGAGGCTCAG 1200
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QY 1321 TCGAACACTCTCTCCCTCCAGATACTCCAGTAACTCCAACTCTCTCTGCAAGGCCA 1380
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QY 1381 AATCTTGCTGAGAGTGTACCTGCTGAGGAGCTGCTGAGGAGCTGCTGAGGAGCT 1440
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QY 1501 GACAGCTCTACCTCTCATCTCTCTCACCCACCTCTGAGCTGAGGAGCTGCTCTCC 1560
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Db 1561 TTCCCCCAAAACCAAGAGACACCTCTGATCTCCGACCCCTGAGCTGAGGAGCTGCTCTCC 1620
QY 1621 GTGGTGGAGGTGGAGAGAGGCCAGGTCAGTCACTGGTAGGTGGAGGGCTG 1680
Db 1621 GTGGTGGAGGTGGAGAGAGGCCAGGTCAGTCACTGGTAGGTGGAGGGCTG 1680
QY 1681 GAGGTGCAATACTCCAAAGACAAGGCCAGGGAGAGGAGCTGAGGAGCTGAGGAGCTG 1740

GenCore version 5.1.6
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OM nucleic - nucleic search, using SW model

Run on: February 1, 2005, 09:02:41 ; Search time 1340.46 Seconds

(Without alignments) 10639.123 Million cell updates/sec

Title: US-08-485-163-4

Perfect score: 2482

Sequence: 1 CAAGCCAGAGCCTGCAT.....TGAGGGGGAGAGTGGTC 2482

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext: 1.0

Searched: 4300275 seqs, 2872944193 residues

Total number of hits satisfying chosen parameters: 8600550

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:*

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 21: /cgnd_6/ptodata/1/pubpna/us60_PUBCOMB.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result	Score	Query	%	Match Length	DB	ID	Description	
1	2482	100.0	2482	8	US-08-485-163-4		Sequence 4, Appli	
2	2482	100.0	2482	9	US-09-948-939-41		Sequence 3, Appli	
3	2158.4	87.0	11228	16	US-09-766-955-3		Sequence 6, Appli	
4	1795	72.3	2009	13	US-10-397-556-9		Sequence 55, Appli	
5	1795	72.3	2009	18	US-10-047-554-25		Sequence 31, Appli	
6	1641.2	66.1	4694	9	US-09-948-939-41		Sequence 41, Appli	
7	1641.2	66.1	4694	13	US-10-000-433-3		Sequence 3, Appli	
8	1627	65.6	3282	15	US-10-120-986-154		Sequence 154, Appli	
C	9	1627	65.6	3282	15	US-10-016-986-169		Sequence 169, Appli
10	1627	65.6	3282	15	US-10-410-907A-3		Sequence 3, Appli	
11	1627	65.6	13254	15	US-10-16-986-156		Sequence 156, Appli	
C	12	1627	65.6	13254	15	US-10-016-986-170		Sequence 170, Appli

13	1626.2	65.5	4723	9	US-09-948-939-40	Sequence 40, Appli	
14	1626.2	65.5	4723	13	US-10-000-433-2	Sequence 2, Appli	
15	1617.2	65.2	2399	13	US-10-947-542-57	Sequence 57, Appli	
16	1617.2	65.2	2399	15	US-10-267-286A-1	Sequence 1, Appli	
17	1611.8	64.9	8687	16	US-10-467-546-15	Sequence 15, Appli	
18	1611.8	64.9	8687	16	US-10-467-546-16	Sequence 16, Appli	
19	1584.6	63.8	2249	9	US-09-249-011A-23	Sequence 23, Appli	
20	1584.4	63.8	2011	17	US-10-684-109-80	Sequence 80, Appli	
21	1584.4	63.8	2011	17	US-10-684-109-81	Sequence 91, Appli	
22	1582.6	63.8	1990	17	US-10-684-109-69	Sequence 69, Appli	
C	23	1582.5	63.8	1990	17	US-10-684-109-70	Sequence 70, Appli
C	24	1582	63.7	1990	17	US-10-684-109-86	Sequence 86, Appli
C	25	1582	63.7	1990	17	US-10-684-109-87	Sequence 87, Appli
C	26	1582	63.7	1990	17	US-10-684-109-98	Sequence 98, Appli
C	27	1582	63.7	1990	17	US-10-684-109-99	Sequence 99, Appli
C	28	1582	63.7	1990	17	US-10-684-109-104	Sequence 104, Appli
C	29	1582	63.7	1990	17	US-10-684-109-105	Sequence 105, Appli
C	30	1582	63.7	1996	17	US-10-684-109-92	Sequence 92, Appli
C	31	1582	63.7	1996	17	US-10-684-109-93	Sequence 93, Appli
C	32	1582	63.7	1996	17	US-10-684-109-110	Sequence 110, App
C	33	1582	63.7	1996	17	US-10-684-109-111	Sequence 111, App
C	34	1581.8	63.7	1999	14	US-10-15-382-2	Sequence 2, Appli
C	35	1581.8	63.7	1999	18	US-10-612-497-54	Sequence 54, Appli
C	36	1581.8	63.7	1999	18	US-10-76-649-54	Sequence 52, Appli
C	37	1574.6	63.4	2009	13	US-10-04-542-54	Sequence 54, Appli
C	38	1574.6	63.4	2009	16	US-10-227-907-4	Sequence 4, Appli
C	39	1574.6	63.4	2770	13	US-10-027-075-29	Sequence 29, Appli
C	40	1574.6	63.4	2770	17	US-10-792-637-29	Sequence 29, Appli
C	41	1564.2	63.0	2160	15	US-10-42-408-31	Sequence 31, Appli
C	42	1564.2	63.0	2160	16	US-10-428-894-31	Sequence 31, Appli
C	43	1564.2	63.0	2160	18	US-10-69-874-31	Sequence 31, Appli
C	44	1454.8	58.6	2071	15	US-10-21-484-116	Sequence 116, App
C	45	1454.8	58.6	2071	15	US-10-384-933-116	Sequence 116, App

ALIGNMENTS

Database : Published Applications NA:*

RESULT 1	US-08-485-163-4	US-08-485-163-4	US-08-485-163-4	US-08-485-163-4	US-08-485-163-4	US-08-485-163-4	US-08-485-163-4
	; Sequence 4, Application US/08485163						
	GENERAL INFORMATION:						
	APPLICANT: Beauty, Gary A.						
	APPLICANT: Madden, Paul J.						
	TITLE OF INVENTION: CDA-GAMMA2 CD4-LgG2 CHIMERAS						
	NUMBER OF SEQUENCES: 10						
	CORRESPONDENCE ADDRESS:						
	ADDRESSE: Cooper & Dunham LLP						
	STREET: 1185 Avenue of the Americas						
	CITY: New York						
	STATE: New York						
	ZIP: 10036						
	COMPUTER READABLE FORM:						
	MEDIUM TYPE: Floppy disk						
	COMPUTER: IBM PC compatible						
	OPERATING SYSTEM: PC-DOS/MS-DOS						
	SOFTWARE: PatternIn Release #1.24						
	CURRENT APPLICATION DATA:						
	APPLICATION NUMBER: US/08/485, 163						
	FILING DATE: 07-JUN-1995						
	CLASSIFICATION: 51						
	ATTORNEY/AGENT INFORMATION:						
	NAME: White, John P.						
	REGISTRATION NUMBER: 28, 678						
	REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US						
	TELECOMMUNICATION INFORMATION:						
	TELEPHONE: (212) 278-0400						
	TELEFAX: (212) 391-0525						
	TELEX:						
	INFORMATION FOR SEQ ID NO:	4:					
	SEQUENCE CHARACTERISTICS:	4:					

LENGTH: 2482 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: cDNA
 ORIGINAL SOURCE:
 ;
 ; CELL TYPE: Lymphocyte
 ; US-08-485-163-4

Query Match 100.0%; Score 2482; DB 8; Length 2482;
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
 Matches 2482; Conservative 0;

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Db	1	CAAGGCCAGAGCCCTGCCCCATTCTCTGGACTCAGGCGGGAGTCCTTCTACCTCACCCCTTCCTCC	60	QY	901	CCTCCACGCACTCGGACCCAGACCTACACTGCAAGTAGATCAGAACGCCAGCAC	960
QY	61	CTCGCGCAASGCCACATGACCGGGAGTCCTTCTAGCTCTGCGCTCAGTCAGCCCTTCCTCC	60	Db	961	ACCAGGTGGACAGACGAGCTGGTGGAGACGGCCACCTGCAAGGGAGGTGTCGTCGA	1020
Db	61	CTCGCGCAASGCCACATGACCGGGAGTCCTTCTAGCTCTGCGCTCAGTCAGCCCTTCCTCC	60	QY	961	ACCAGGTGGACAGACGAGCTGGTGGAGACGGCCACCTGCAAGGGAGGTGTCGTCGA	1020
QY	121	CTGGGCCTCTCCCGAGCAGCCACTGAGGAAGAAGTGGTGGCAAAAGGGAT	180	Db	1021	AGCGAGGTGAGCCCTTGCTGACCCACCCGGGTGAGGCCAGGGAGGGAG	1080
Db	121	CTGSGGCTCTCCCGAGCAGCCACTGAGGAAGAAGTGGTGGCAAAAGGGAT	180	QY	1021	AGCGAGGTGAGCCCTTGCTGACCCACCCGGGTGAGGCCAGGGAGGGAG	1080
QY	181	ACAGTGGAACTGACCTGTAAGCTGAGCTTCCAGAGAGAGCATACATCCACTGGAAAC	240	Db	1081	CAAGGCAAGCCCATCTGCTCCACCGGAGCCCTGCGGCCACTCATGCTAG	1140
Db	181	ACAGTGGAACTGACCTGTAAGCTGAGCTTCCAGAGAGAGCATACATCCACTGGAAAC	240	QY	1081	CAAGGCAAGCCCATCTGCTCCACCGGAGCCCTGCGGCCACTCATGCTAG	1140
QY	241	TCCAAACCGATAAAGATTCTGGAAATCAGGGCTCTCTTAAGTAACTAAGTCCATCGAAG	300	Db	1141	GGAGAGGGTTCTCCTGGCTTTCACCCGGCTCAGGGCTCAGGGAGGACAGGCTGGGAG	1200
Db	241	TCCAAACCGATAAAGATTCTGGAAATCAGGGCTCTCTTAAGTAACTAAGTCCATCGAAG	300	QY	1141	GGAGAGGGTTCTCCTGGCTTTCACCCGGCTCAGGGCTCAGGGAGGACAGGCTGGGAG	1200
QY	301	CTGAATGATGCCGTGACTCAAGAGAACGCCCTGGACCAAGGAACCTCCCCTGATC	360	Db	1201	CCCAGGGCTTCACACAGGGCAGSTGCTGGCTAGACTCTCCAAAGCCATATCC	1260
Db	301	CTGAATGATGCCGTGACTCAAGAGAACGCCCTGGACCAAGGAACCTCCCCTGATC	360	QY	1201	CCCAGGGCTTCACACAGGGCAGSTGCTGGCTAGACTCTCCAAAGCCATATCC	1260
QY	361	ATCAAGAATCTTAAGTAGAGAACCTCAGAGTACTTACATCTGAGTGAGGAGCAG	420	Db	1261	GGGGAGACCTGACCTTGCTCCAGATCCAGGAACTGTCACACTCTCTGCG	1320
Db	361	ATCAAGAATCTTAAGTAGAGAACCTCAGAGTACTTACATCTGAGTGAGGAGCAG	420	QY	1261	GGGGAGACCTGACCTTGCTCCAGATCCAGGAACTGTCACACTCTCTGCG	1320
QY	421	GAGGGAGGTTCAATGCTGTTGGATGACTTCACTTGACCCACTCTGCTGAG	480	Db	1321	TGGAACACTTCCTCCCTCCAGATCCAGTACTCCAGTACTCTCCAACTCTGAG	1380
Db	421	GAGGGAGGTTCAATGCTGTTGGATGACTTCACTTGACCCACTCTGCTGAG	480	QY	1321	TGGAACACTTCCTCCCTCCAGATCCAGTACTCCAGTACTCTCCAACTCTGAG	1380
QY	481	GGGGAGGTTGACCTGACCTTGAGGAGGCCCTGGTAGTGGCCCTGAGGAAT	540	Db	1381	AAGTTGTTGTTGAGTGGCTGACCTGAGGAGGCCCTGGTAGTGGCCCTGAGGA	1440
Db	481	GGGGAGGTTGACCTGACCTTGAGGAGGCCCTGGTAGTGGCCCTGAGGAAT	540	QY	1381	AAGTTGTTGTTGAGTGGCTGACCTGAGGAGGCCCTGGTAGTGGCCCTGAGGA	1440
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Db	541	AGGAGTCCAAAGGGTAAACACATAAGGGGGGAGACCTCTCGTGTCTCACTGG	600	QY	1441	CAAGGGGGAGCTGGCTCCAGCTGACCCACCTCTGAG	1500
QY	601	CTCCAGGATGTTGACCTCTGGACATGACTCTGCTGAGGAGGAGTC	660	Db	1501	GACAGTGTCACTTCATCTCTCTCTCACACACCCTGGAGGAGCCCTGAGCT	1560
Db	601	CTCCAGGATGTTGACCTCTGGACATGACTCTGCTGAGGAGGAGTC	660	QY	1501	GACAGTGTCACTTCATCTCTCTCTCACACACCCTGGAGGAGCCCTGAGCT	1560
QY	661	AAATAGACATCTGGCTGACTCTGCTTCCACCAAGGGCCATCGTTCCCTG	720	Db	1561	TTCCCCCAAACCAAGAACACCCCTCTGATCTCCGACCCCTGAGGTCAGTG	1620
Db	661	AAATAGACATCTGGCTGACTCTGCTTCCACCAAGGGCCATCGTTCCCTG	720	QY	1561	TTCCCCCAAACCAAGAACACCCCTCTGATCTCCGACCCCTGAGGTCAGTG	1620
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Db	721	GCGCCTCTCCAGAGCACCTCCAGAGCACAGCGCCCTGGCTGTCAGGAC	780	QY	1621	GTGTGGAGTGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1680
QY	781	TACTTCCCGAACCTGGTGGCTGAGGAGCTGAGGAGCTGAGGAGCTG	840	Db	1681	GAGGTGCTTAATGCCAAAGAACGACGGGGGGGGGGGGGGGGGGGGGG	1740
Db	781	TACTTCCCGAACCTGGTGGCTGAGGAGCTGAGGAGCTGAGGAGCTG	840	QY	1681	GAGGTGCTTAATGCCAAAGAACGACGGGGGGGGGGGGGGGGGGGGGG	1740
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Db	841	ACCTTCCAGCTTACAGGCTTCAAGGCTTACTCCCTAGGAGCTGGTGA	900	QY	1741	GTCAAGCTGCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	1800

GenCore version 5.1.6
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OM nucleic - nucleic search, using bw model

Run on: February 1, 2005, 03:49:56 ; Search time 211.903 Seconds
(without alignments)
8325.401 Million cell updates/sec

Title: US-08-485-163-4

Perfect score: 2482

Sequence: 1 CGAGCCAGAGCCTGCAT.....TGAGGGAGGAGATGGTC 2482

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 35539441 residues

Total number of hits satisfying chosen parameters: 1649014

Post-processing: Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Minimum Match length: 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

Description

Result No.	Score	Query Match	Length	DB ID	Description
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18	1627	65.6	3282	5	PCT-US95-08743-169
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22	1627	65.6	13254	1	US-08-899-515-154
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24	1627	65.6	13254	1	US-08-899-515-154
25	1627	65.6	13254	5	PCT-US95-08743-156
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27	1626.2	65.5	US-09-042-353-418		

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match length: 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

Description

Result No.	Score	Query Match	Length	DB ID	Description
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6	2482	100.0	2482	4	US-08-484-681-3
7	2482	100.0	2482	4	US-09-766-995-3
8	2482	100.0	2482	5	PCT-US93-07422-3
9	1692.8	68.2	10785	3	US-08-444-644-27
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16	1627	63.6	3282	1	US-08-899-515-154
17	1627	65.6	3282	5	PCT-US95-08743-159
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22	1627	65.6	13254	1	US-08-899-515-154
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24	1627	65.6	13254	1	US-08-899-515-154
25	1627	65.6	13254	5	PCT-US95-08743-156
26	1627	63.6	13254	5	PCT-US95-08743-170
27	1626.2	65.5	US-09-042-353-370		

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match length: 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

Description

Result No.	Score	Query Match	Length	DB ID	Description
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7	2482	100.0	2482	4	US-09-766-995-3
8	2482	100.0	2482	5	PCT-US93-07422-3
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15	1627	65.6	3282	1	US-08-899-515-154
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24	1627	65.6	13254	1	US-08-899-515-154
25	1627	65.6	13254	5	PCT-US95-08743-156
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27	1626.2	65.5	US-09-042-353-370		

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match length: 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

Description

Result No.	Score	Query Match	Length	DB ID	Description
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13	1627	63.6	3282	1	US-08-899-515-154
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Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match length: 0%
Maximum Match 100%

Listing first 45 summaries

Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID

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Qy	61	CTCGCAAGGCCACATGACCGGGAGCTCTTGTGACTCTCTGCTGCTGCA						
Db	61	CTCGCAAGGCCACATGACCGGGAGCTCTTGTGACTCTCTGCTGCTGCA						
Qy	121	CTGGGCTCTCCAGAGCCACTCAGGAAAGAAAGTGTGCTGGCAAAMAGGGAT						
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Qy	181	ACAGTGAACTGACCTGACAGCTTCCAGAGAGASCATACATTCCACTGAAAC						
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Qy	301	CTGAATGATCGGCTGACTCAGAAGAAGCCCTTGGACCAAGGAACCTCCCTGATC						
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GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.

On nucleic - nucleic search, using SW model

Run on: January 31, 2005, 21:53:18 ; Search time 4848.84 Seconds

11205.958 Million cell updates/sec

Title: US-08-485-163-6

Perfect score: 1149

Sequence: 1 CAAGCCAGAGCCCTGCATTCGTTGCTCAGTCTACTGTCAGCCCTTCCTCC

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext: 1.0

Searched: 4526729 seqs, 23644849745 residues

Total number of hits satisfying chosen parameters: 9053458

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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 5: gb_ovr: *
 6: gb_rab: *
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 8: gb_pl: *
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 10: gb_ro: *
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 13: gb_un: *
 14: gb_yid: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ORIGIN

Result No.	Score	Query Match Length	DB ID	Description
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ALIGNMENTS

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LOCUS		ACCESSION	AR100742	VERSION	AR100742.1	GI:12811540
DEFINITION		KEYWORDS				
VERSION		SOURCE	Unknown.			
KEYWORDS		ORGANISM	Unclassified.			
REFERENCE	1 (bases 1 to 1149)	AUTHORS	Allaway,G.P. and Madden,P.J.			
TITLE	Non-peptidyl moiety-conjugated CD4-gamma2 and CD4-19G2					
JOURNAL	Immunoconjugates, and uses thereof					
FEATURES	Patent: US 6083478-A 5 04-JUN-2000;					
SOURCE	1. .1149					

Post-processing: Minimum Match 0%

Maximum Match 100%

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Database :

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ORIGIN

Result No.	Score	Query Match Length	DB ID	Description
1	1149	100.0	1149	AR100742 Sequence AR125612 Sequence AR130197 Sequence AR184213 Sequence AR229603 Sequence AR100741 Sequence AR125611 Sequence AR130196 Sequence AR184212 Sequence AR229602 Sequence AR380468 Sequence AX287102 Sequence HOMATC14 Human T-cell M35160 Human T4 su AR100740 Sequence AR125610 Sequence AR130195 Sequence AR184211 Sequence AR229601 Sequence

/organism="unassigned"

"/mol_type="unassigned DNA"

Database :

1: GenBank: *
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 3: gb_hhg: *
 4: gb_om: *
 5: gb_ovr: *
 6: gb_rab: *
 7: gb_ph: *
 8: gb_pl: *
 9: gb_pr: *
 10: gb_ro: *
 11: gb_sts: *
 12: gb_sy: *
 13: gb_un: *
 14: gb_yid: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ORIGIN

Result No.	Score	Query Match Length	DB ID	Description
1	1149	100.0	1149	AR100742 Sequence AR125612 Sequence AR130197 Sequence AR184213 Sequence AR229603 Sequence AR100741 Sequence AR125611 Sequence AR130196 Sequence AR184212 Sequence AR229602 Sequence AR380468 Sequence AX287102 Sequence HOMATC14 Human T-cell M35160 Human T4 su AR100740 Sequence AR125610 Sequence AR130195 Sequence AR184211 Sequence AR229601 Sequence

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"/mol_type="unassigned DNA"

	REFERENCE 1 (bases 1 to 1149)	Unclassified.	
	AUTHORS Maddon, P.J. and Allaway, G.P.	TITLE Non-peptidyl moiety-conjugated CD4-gamma2 and CD4-1gG2 immunoconjugates, and uses thereof	
	JOURNAL PATENT: US 6177549-A 5 23-JAN-2001;	PATENT	
Db	241 TCCACACCAGATAAAGATTCTGGAAATCAGGCCCTCTTCAACTAAGGTCCATCCAG 300	FEATURES source	location/Qualifiers 1..1149 /organism:"unknown" /mol_type:"unassigned DNA"
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Db	301 CTGATGTGTCGGCGTGACTCAAGAGAGAACCTTGGACCAAGAACCTCCCTGATC 360	Query Match	100.0%; score 1149; DB 6; length 1149;
Qy	361 ATCAGAACTTAAGATGAGACTCATCTGAACTCTGAGTTGATGACTGCAACTCTG 420	Best Local Similarity	100.0%; Pred. No. 3. 2e-292;
Db	361 ATCAGAACTTAAGATGAGACTCATCTGAACTCTGAGTTGATGACTGCAACTCTG 420	Matches	1149; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db	421 GAGGGAGGTGCAATTAGAGACTCGAGTACTACATCTGAACTCTGAGTTGAGCAG 480	Db	1 CAAGCCCAGGCCCTGCCTTCATCTGTTGGCTCAGTCCTATGTCAGGCCCTTC 60
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Db	781 TATCCAGAGAGGGCAAAAGTAACAGTGGAAAGGTGATAAGCCCTCCAAATGGGAACTCC 840	Db	301 CTGATGTGTCGGCTGTACTCAAGAGAGGCTCTGGAACTCTCTTAACTAAGGTCTCCAG 360
Qy	841 CAGGAGAGTCAAGAGAGGACAGCAAGGAGACACTAACCTCTAGACACCCTG 900	Qy	361 ATCAGAACTTAAGATGAGACTCATCTGAACTCTGAGTTGAGGAGACAG 420
Db	841 CAGGAGAGTCAAGAGAGGACAGCAAGGAGACACTAACCTCTAGACACCCTG 900	Db	361 ATCAGAACTTAAGATGAGACTCATCTGAACTCTGAGTTGAGGAGACAG 420
Qy	901 ACGCTGAGCAAGGAGACTACAGAGAAACACACTCTACCCCTGATC 960	Qy	421 GAGGGAGGTGCAATTAGAGACTCGAGTGTGTTGAGGAGAGTC 540
Db	901 ACGCTGAGCAAGGAGACTACAGAGAAACACACTCTACCCCTGATC 960	Db	421 GAGGGAGGTGCAATTAGAGACTCGAGTGTGTTGAGGAGAGTC 540
Qy	961 GGCTCTGAGCTGCCGTCACAAGAGCTCACAGGGAGGCTCACAGGGAG 1020	Qy	541 AGGAGTCAAAGGTAACACATCAGGGGGAGACCTCTCGTGTCTGAGCTGGAG 600
Db	961 GGCTCTGAGCTGCCGTCACAAGAGCTCACAGGGAGGCTCACAGGGAG 1020	Db	541 AGGAGTCAAAGGTAACACATCAGGGGGAGACCTCTCGTGTCTGAGCTGGAG 600
Qy	1021 CCCACCTCTCTCACTGAGCTGCCCTCCATCTTGGCTCTGACCTTT 1080	Qy	601 CTCCAGGATAGTGGGACCTGGACATGACCTGCTGAGTACCTGCTTC 660
Db	1021 CCCACCTCTCTCACTGAGCTGCCCTCCATCTTGGCTCTGACCTTT 1080	Db	601 CTCCAGGATAGTGGGACCTGGACATGACCTGCTGAGTACCTGCTTC 660
Qy	1141 CTCCCTCTT 1149	Qy	661 AAATAGACATCTGTTGTGACTCTGTTCTACATCTGCTTC 720
Db	1141 CTCCCTCTT 1149	Db	661 AAATAGACATCTGTTGTGACTCTGTTCTACATCTGCTTC 720
RESULT 2	1141 CTCCCTCTT 1149	Qy	721 CACATGTGAGCACTGAACTCTGCTCTGTTGTGAACTACTC 780
AR125612	AR125612 Sequence 5 from patent US 6177549.	Db	721 CACATGTGAGCACTGAACTCTGCTCTGTTGTGAACTACTC 780
DEFINITION	1149 bp DNA	Qy	781 TATCCAGAGAGGCCAAAGTACAGTGGAGGTGATAAGGCCCTCCAAATGGGAACTCC 840
ACCESSION	LINEAR	Db	781 TATCCAGAGAGGCCAAAGTACAGTGGAGGTGATAAGGCCCTCCAAATGGGAACTCC 840
VERSION	PAT 16-MAY-2001	Qy	841 CAGGAGAGTGGCACAGAGCAGCAGCACACTAGGGAGGAGTC 900
SOURCE	Unknown.		
ORGANISM	Unknown.		

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Gencore version 5.1.6

Om nucleic - nucleic search, using sw model
Run on: February 1, 2005, 03:40:26 ; Search time 3662.81 Seconds
Sequence: 1 CAAGCCAGGCCCTGCAT.....TCACCCCCCTCCTCCT 1149
Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
Searched: 32822875 seqB, 18219865908 residues
Total number of hits satisfying chosen parameters: 65645750

Minimum DB seq length: 0
Maximum DB seq length: 200000000
Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : EST:
1: gb_est1:
2: gb_est2:
3: gb_htc:
4: gb_est3:
5: gb_est4:
6: gb_est5:
7: gb_est6:
8: gb_gss1:
9: gb_gss2:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	655.4	57.0	BX438745	RESULT 1 BX438745 Locus DEFINITION BX438745 Homo sapiens mRNA 932 bp linear EST 05-MAY-2004
2	645.4	56.2	BX438745	ACCESSION BX438745
3	642.8	55.9	CD60912	VERSION BX438745.2
4	633.4	55.1	BI1838409	KEYWORDS EST.
5	632.5	55.0	BI1838409	SOURCE Organism: Homo sapiens (human)
6	630.2	54.8	BI1838893	Organism: Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominoidea; Homo.
7	623.4	54.3	BI1838893	REFERENCE 1 (base 1 to 932) Li, W.B., Gruber, C., Jesse, J. and Polayes, D.
8	586.5	51.1	BI1838893	AUTHORS Full-length cDNA libraries and normalization
9	553.4	48.2	BI1915265	TITLE Unpublished (2001)
10	551.4	48.0	CD60911	JOURNAL
11	549.5	47.8	CD609191	COMMENT
12	533.8	46.5	CDF0192	On May 15, 2003 this sequence version replaced gi:30787731.
13	533.4	46.4	CF125446	Contact: Genoscope
14	528.8	46.0	CB052686	Genoscope - Centre National de Séquençage
15	525.6	45.7	CO245540	BP 191 91006 ENRY codex - France
16	502.4	43.7	BX378811	Email: seeref@genoscope.cns.fr, Web : www.genoscope.cns.fr
17	497.8	43.3	CD045985	1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and BcRV sites of the PCMVSPORT 6 vector. Library was not normalized. Library was constructed by Life Technologies, a division of Invitrogen.
18	474.4	41.3	AU141298	This sequence belongs to sequence cluster 6485.r
19	453.6	39.5	CF125140	For more information about this cluster, see
20	453.4	39.4	CO245446	http://www.genoscope.cns.fr/corna?&s=CS0DB002AD01QP1&c=6485.r .
21	452.6	39.4	CO248894	FEATURES
22	451.8	39.3	CO248544	Source
23	451.4	39.3	CO248544	1. .932
24	451.4	39.3	CO248544	/organism="Homo sapiens"
c	453.6	39.5	CO248894	/mol_type="mRNA"
c	453.4	39.4	CO248894	/db_xref="TAXON:9605"
c	452.6	39.4	CO248894	/clone_type="PLACENTA"
c	451.8	39.3	CO248894	/clone_Type="Homo sapiens PLACENTA"
c	451.4	39.3	CO248894	/note="Vector: PCMVSPORT 6; 1st strand cDNA was primed with a NotI-oligo(dT) primer. Five prime end enriched, double-strand cDNA was digested with Not I and cloned into the Not I and BcRV sites of the PCMVSPORT 6 vector. Library was not normalized."
c	451.4	39.3	CO248894	LIBRARY
c	451.4	39.3	CO248894	the Not I and BcRV sites of the PCMVSPORT 6 vector. Library was not normalized."
c	451.4	39.3	CO248894	ORIGIN
c	451.4	39.3	CO248894	Query Match Similarity 57.0%; Score 655.4; DB 5; length 932;
c	451.4	39.3	CO248894	Best Local Similarity 98.1%; Pred. No. 1.8e-171; Mismatches 0; Indels 2; Gaps 1;
c	451.4	39.3	CO248894	Matches 674; Conservative 0; MisMatches 11;

ALIGMENTS

Score	Length	DB ID	Description
583	5	BUG62271	BUG62271 UI-CF-EC1
593	6	CB985747	CB985747 AGENCOURT
611	6	CA113070	CA113070 UI-H-EZ0-
620	4	BM511892	BM511892 1J75d09.x
643	6	CA112343	CA112343 UI-H-EZ0-
648	6	BM974791	BM974791 UI-CF-EC1
692	6	CA447921	CA447921 UI-H-E10-
712	5	BUS16742	BUS16742 UI-H-DFO-
731	5	BQ181514	BQ181514 UI-H-EU0-
776	5	BQ008671	BQ008671 UI-H-E10-
798	5	BP008761	BP008761 UI-H-E10-
835	6	CB958453	CB958453 AGENCOURT
566	4	BI65045	BI65045 60351192
597	6	CB985703	CB985703 AGENCOURT
603	6	CB957735	CB957735 AGENCOURT
643	5	BQ712156	BQ712156 AGENCOURT
727	5	BP0706352	BP0706352 AGENCOURT
742	6	CA411822	CA411822 UI-H-E20-
521	6	CB956541	CB956541 AGENCOURT
527	1	AJ708624	AJ708624

QY	11	GCCCTGCCATTCTGTGGACTCAGTCCTCTC--AGCCCTCTCCCTCGGAA	68	/organism="Homo sapiens" /mol_type="mRNA" /db_xref="taxon:9606"
Db	113	GCCCTGCCATTCTGTGGACTCAGTCCTCTCCTCGGAA	172	/clone_1b="FLP" /notes="Vector: pDrive Cloning Vector"
QY	69	GCCCCACATGACCGGGGAGTCCCTTTAGGCACTTGCTCTGCTGCTGCACTGGCCT	128	
Db	173	GCCCCACATGACCGGGGAGTCCCTTTAGGCACTTGCTCTGCTGCTGCACTGGCCT	232	
QY	129	CCTCCAGCAGGCACTCAGGAAGAAGAAGTGGCTGCTGCTGCAAAAGGGATACTGGA	188	
Db	233	CCTCCAGCAGGCACTCAGGAAGAAGAAGTGGCTGCTGCTGCAAAAGGGATACTGGA	292	
QY	189	ACTGACCTGTAAGCTCCAGAAGAAGGCTACATCCACTGGAAAGCTCAACCTCCACCA	248	
Db	293	ACTGACCTGTAAGCTCCAGAAGAAGGCTACATCCACTGGAAAGCTCAACCTCCACCA	352	
QY	249	GATAAGATCTGGAAATCAGGAGCTTCTCTTAACTAAGAAGTTCATCAAGCTGAATGA	308	
Db	353	GATAAGATCTGGAAATCAGGAGCTTCTCTTAACTAAGAAGTTCATCAAGCTGAATGA	472	
QY	309	TCTGGCTGACTCAAGAAGGCTTGGACCAAGAACCTCCCTGATCTCGAAG	368	
Db	413	TCTGGCTGACTCAAGAAGGCTTGGACCAAGAACCTCCCTGATCTCGAAG	488	
QY	369	TCTTAAAGATAGAGACTCAGAATCTACATCTGAACTGGAGGACAGAGGGAGT	428	
Db	473	TCTTAAAGATAGAGACTCAGAATCTACATCTGAACTGGAGGACAGAGGGAGT	532	
QY	429	GAATTCGTAGTGTGGATTGACTGCTCAACTCTGACACCCACTCTGCTCAAGGAG	488	
Db	533	GAATTCGTAGTGTGGATTGACTGCTCAACTCTGACACCCACTCTGCTCAAGGAG	592	
QY	489	CTGACCCCTGACCTTGGAGAGCCCTCTGGTAGCTGGCCCTCATGGAGTCC	548	
Db	593	CTGACCCCTGACCTTGGAGAGCCCTCTGGTAGCTGGCCCTCATGGAGTCC	652	
QY	549	AACGGTAAACATACAGGGGGAGACCCCTCCCTGCTCAGCTGGAGCTCCAGGA	608	
Db	653	AACGGTAAACATACAGGGGGAGACCCCTCCCTGCTCAGCTGGAGCTCCAGGA	712	
QY	609	TAGTGGCACTTGCACATGACTCTCTGAGAACAGAAGGTTGAGTTCAAATGA	668	
Db	713	TAGTGGCACTTGCACATGACTCTCTGAGAACAGAAGGTTGAGTTCAAATGA	772	
QY	659	CATCGTGGCTACTTCTACTGTCG 695		
Db	773	CATCGTGGCTACTTCTCAAGAGGC 799		
RESULT 2				
CD609192/c	CD609192	mRNA sequence.	EST 12-JAN-2004	
LOCUS	CD609192	783 bp	linear	
DEFINITION	5606931J1	Homo sapiens cDNA, mRNA sequence.		
ACCESSION	CD609192			
KEYWORDS	CD609192.1	GI:4025455		
SOURCE				
ORGANISM	Homo sapiens (human)			
REFERENCE	1 (bases 1 to 783)	Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Buteraria; Primates; Catarrhini; Homindae; Homo.		
AUTHORS	Fu, G.K., Wang, J.-T., Yang, J., Au-Young, J. and Stuve, L.L.			
TITLE	Circular rapid amplification of cDNA ends for high-throughput extension cloning of partial genes			
JOURNAL	Genomics 84 (1), 205-210 (2004)			
COMMENT	Contact: Fu GK Incyre Genomics, Inc 3160 Porter Dr., Palo Alto, CA 94304, USA Tel: 6508454102 Email: gfu@incyre.com			
FEATURES	Location/Qualifiers			
source	1 .783			
RESULT 3				
BB838409	BB838409	816 bp	mRNA linear	EST 04-OCT-2001
LOCUS	BB838409			
DEFINITION	60308337;r1 NIH_MGC_120 Homo sapiens cDNA clone IMAGE:5222323 5'			
ACCESSION	BB1838409			
VERSION	BB1838409.1			
KEYWORDS	EST.			
SOURCE	Homo sapiens (human)			
ORGANISM	Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Buteraria; Primates; Catarrhini; Homindae; Homo.			
REFERENCE	1 (bases 1 to 816)			

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OM nucleic - nucleic search, using sw model

Run on: February 1, 2005, 00:31:21 ; Search time 553.457 Seconds
(without alignments)
10898.026 Million cell updates/sec

Title: US-08-485-163-6
Perfect score: 1149

Sequence: 1 CAAGCCCGAGGCCCTSCCAT.....TCACCCCTCTCTCTCCTT 1149

Scoring table: IDENTITY-NUC
Gapop 10.0 , Gapext: 1.0

Searched: 4134886 seqs, 2624710521 residues

Total number of hits satisfying chosen parameters: 8269772

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%
Listing first 45 summaries

Database : N_Geneseq_21sep04,*

1: geneseqn1980s,*
2: geneseqn1990s,*
3: geneseqn2000s,*
4: geneseqn2001a,*
5: geneseqn2001b,*
6: geneseqn2002a,*
7: geneseqn2002b,*
8: geneseqn2003a,*
9: geneseqn2003b,*
10: geneseqn2003c,*
11: geneseqn2003d,*
12: geneseqn2004a,*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

RESULT 1
AAQ28090

ID AAQ28090 standard; DNA; 1149 BP.
XX

AAQ28090;
XX

DT 24-OCT-2003 (revised)
DT 25-MAR-2003 (revised)
DT 06-FEB-1993 (first entry)

DE Encodes CD4-IgG2 chimeric light chain.

XX homodimer; soluble CD4; T cell receptor; CD4 antigen; high recovery; KW chimeric; increased serum half life; HIV infection; AIDS; BB.

OS Homo sapiens.
XX
OS ChimERIC.

XX
FH Key Location/Qualifiers
FH CDS 76. .687
FT FT /tag= a*
FT FT /label= CD4 domain
FT FT 688. .1005
FT FT /tag= b*
FT FT /label= Ckappa domain

Description
Aaq28090 Encodes C
Aaz28857 CD4-kappa

Aat56397 CD4-kappa
Aaf77831 Coding se

Aab55722 DNA encod
Adm8323 Human CD4

Aaqg7752 CD4-kappa
Aaqg77832 Sequence

Ach00964 Pro 542 a
Act00965 Pro 542 a

Aaqg7831 Sequence
Aaqg8089 Encodes C

Aaz28856 CD4-IgG2
Aaf56396 CD4-IgG2

Aaf77830 Coding se
Ab55721 DNA encod

Adm8321 Human CD4
Aaqg75751 CD4-IgG2

Aaqg8761 scD4-L2
Aaqg8760 scD4-L1

Aaqg8759 scD4-HAP

Aaa25205 Human ade
Aaf21327 Human low
Aai65462 Nucleotid
Abz97021 Human nuc
Adi31687 Human cDN
Ado20870 Human pul
Aaqg8088 Encodes C
Aaqg7750 CD4-gamma
Aaz28855 Human CD4
Aaf56395 CD4-gamma
Aaf77829 Coding se
Aab55720 DNA encod
Aaqg7830 Sequence
Aaa5208 Human ade
Aaf213 Human low
Abz97024 Human nuc
Ado20873 Human pul
Aab80512 Clone pT4
Aan0619 pT4B enco
Aa20695 Human T4
Aaa5935 DNA encod
Aaqg8758 scD4-pCAD
Aaa90763 cDNA sequ
Aaa10906 T4 glycop

22 687 59.8 1742 3 AAA35205
23 687 59.8 1742 3 AAF21327 Human ade
24 687 59.8 1742 4 AAI65462 Nucleotid
25 687 59.8 1742 10 ABZ97021 Human nuc
26 687 59.8 1742 11 ADI31687 Human cDN
27 687 59.8 1742 11 ABDO20870 Human pul
28 687 59.8 1796 2 AAQ28088
29 687 59.8 1796 2 AAQ57750
30 687 59.8 1796 3 AZZ98855
31 687 59.8 1796 4 AAF56395
32 687 59.8 1796 4 AAF77829
33 687 59.8 1795 10 ABSS5720
34 687 59.8 1806 2 AAQ2830
35 687 59.8 6019 3 AAA5208
36 687 59.8 6019 10 ABZ97024
37 687 59.8 6019 11 ABD020873
38 687 59.8 6019 11 ABD020873
39 685.4 59.7 1742 1 AAN90619
40 685.4 59.7 1742 2 AAZ20695
41 685.4 59.7 1742 3 AA55352
42 685.4 59.7 1742 4 AAQ38758
43 685.4 59.7 2465 2 AAQ38758
44 683.8 59.5 1273 1 AAN90763
45 683.8 59.5 1273 3 AAI10906
T4 glycop

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OM nucleic - nucleic search, using bw model

Run on: February 1, 2005, 09:02:41 ; Search time 620.542 Seconds

(without alignments)
10639.123 Million cell updates/sec

Title: US-08-485-163-6

Perfect score: 1149

Sequence: CAAGCCAGAGCCCTGCAT.....TCACCCCTCTCTCTCTT 1149

Scoring table: IDENTITY_NUC
Gapop 10_0 , Gapext 1.0

Searched: 4300275 seqs, 2872944193 residues

Total number of hits satisfying chosen parameters: 8600550

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : Published Applications NA:*

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- 2: /cgcn2_6/pctodata/1/pubpna/PCT NEW PUB.seq:*
- 3: /cgcn2_6/pctodata/1/pubpna/US06_NEW PUB.seq:*
- 4: /cgcn2_6/pctodata/1/pubpna/US05_PUBCOMB.seq:*
- 5: /cgcn2_6/pctodata/1/pubpna/US07_NEW PUB.seq:*
- 6: /cgcn2_6/pctodata/1/pubpna/PCTMS_PUBCOMB.seq:*
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- 14: /cgcn2_6/pctodata/1/pubpna/US10_PUBCOMB.seq:*
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- 19: /cgcn2_6/pctodata/1/pubpna/US02_NEW PUB.seq:*
- 20: /cgcn2_6/pctodata/1/pubpna/US02_PUBCOMB.seq:*
- 21: /cgcn2_6/pctodata/1/pubpna/US02_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score % Query Match Length DB ID Description

RESULT 1
US-08-485-163-6
; Publication No. US/08485163
; Application US20020098191A1
GENERAL INFORMATION:
APPLICANT: Beaudry, Gary A.
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: CD4-GAMMA2 CD4-19G2 CHIMERAS
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10035

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/485,163
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 37690-II-1-PCT-US

TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 270-0400
TELEFAX: (212) 391-0525
TELEX:

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS: 6:

Result No.	Score	%	Query Match Length	DB ID	Description
1	1149	100.0	1149	8	US-08-485-163-6 Sequence 6, Appli
2	1149	100.0	1149	9	US-09-766-995-5 Sequence 5, Appli
3	1107	95.3	1122	16	US-10-397-569-6 Sequence 6, Appli
4	1062	92.4	3273	16	US-10-397-569-7 Sequence 7, Appli
5	696.8	60.6	698	8	US-08-485-163-4 Sequence 4, Appli
6	696.8	60.6	2482	9	US-09-766-995-3 Sequence 3, Appli
7	687	59.8	1742	14	US-10-151-274-7 Sequence 7, Appli
8	687	59.8	1742	16	US-10-641-643-1013 Sequence 1013, Appli
9	687	59.8	1796	8	US-08-485-163-2 Sequence 2, Appli
10	687	59.8	1796	9	US-09-766-995-1 Sequence 1, Appli
11	685.4	59.7	1742	11	US-09-891-119A-8 Sequence 8, Appli
12	683.8	59.5	1273	11	US-09-891-119A-1 Sequence 1, Appli

LENGTH: 1149 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: unknown
 MOLECULE TYPE: cDNA
 ORIGINAL SOURCE:
 ORGANISM: homo sapien
 CELL TYPE: lymphocyte
 US-08-485-163-6

Query Match 100.0%; Score 1149; DB 8; Length 1149;
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0;
 Matches 1149; Conservative 0; Indels 0; Gaps 0;

1 CAAGCCCCAGGCCCTGCAATTCCTGTGGCTCAAGTCCCTACTGTCAGGAGAAGCTTACGGGAACTTCCCTGTC 60
 1 CAAGCCCCAGGCCCTGCAATTCCTGTGGCTCAAGTCCCTACTGTCAGGAGAAGCTTACGGGAACTTCCCTGTC 60

QY 61 CTGGCGCAAGGCCCAATGACCGGGAGGCTTCTAGGCACTGCTCTGGCTGGCTGCA 120
 61 CTCGGCGCAAGGCCCAATGACCGGGAGGCTTCTAGGCACTGCTCTGGCTGGCTGCA 120

QY 121 CTGGCGCTCTCCAGCACCCACTCAGGAAAGAGAGTGTGCTGGCTGGCAA 180
 121 CTGGCGCTCTCCAGCACCCACTCAGGAAAGAGAGTGTGCTGGCTGGCAA 180

QY 181 ACAGTGGACTGACCTGTACAGTTCAGGAAAGAGACATACATTCCACTGGAAAAC 240
 181 ACAGTGGACTGACCTGTACAGTTCAGGAAAGAGACATACATTCCACTGGAAAAC 240

QY 241 TCCRACCAGATAAGGATCTGGAAATCAGGGCTCTTCACTAAAGTCCATCCAG 300
 241 TCCRACCAGATAAGGATCTGGAAATCAGGGCTCTTCACTAAAGTCCATCCAG 300

QY 301 CTGATGATAGCGCGTACTCAAGAGAAACCTTGGGACCAAGGAACATTCCTTGATCCAG 360
 301 CTGATGATAGCGCGTACTCAAGAGAAACCTTGGGACCAAGGAACATTCCTTGATCCAG 360

QY 361 ATCAGAAATCTTAAGATAAGACTCAGATACTTACATCTGAGTGGAGGAGGAG 420
 361 ATCAGAAATCTTAAGATAAGACTCAGATACTTACATCTGAGTGGAGGAGGAG 420

QY 421 GAGGGGGCAATCTCTAGTGTGGATRACTCCACTCTGACCCACCTCTCAG 480
 421 GAGGGGGCAATCTCTAGTGTGGATRACTCCACTCTGACCCACCTCTCAG 480

QY 481 GGGCAGAGCTGACCTGACCTGACCTGGAGAGCCCCCTGGTAGTACCCCAGT 540
 481 GGGCAGAGCTGACCTGACCTGACCTGGAGAGCCCCCTGGTAGTACCCCAGT 540

QY 481 GGGCAGAGCTGACCTGACCTGACCTGGAGAGCCCCCTGGTAGTACCCCAGT 540
 481 GGGCAGAGCTGACCTGACCTGACCTGGAGAGCCCCCTGGTAGTACCCCAGT 540

QY 541 AGGAGTCCAGGGGTTAACACATACAGGGGGAGACCTCTGGCTCTACGG 600
 541 AGGAGTCCAGGGGTTAACACATACAGGGGGAGACCTCTGGCTCTACGG 600

Db 601 CTCCGAGATAGTGCACCTGGACAGCTGACTGTCTGAGACCCAGGGTCAGTC 660
 601 CTCCGAGATAGTGCACCTGGACAGCTGACTGTCTGAGACCCAGGGTCAGTC 660

QY 661 AAAATAGACATCGTGTCTAGCTTCACTGTGCTGCACTGTCTCATCTCCG 720
 661 AAAATAGACATCGTGTCTAGCTTCACTGTGCTGCACTGTCTCATCTCCG 720

Db 721 CCATCTGATGAGCAGGTGAATCTGAACTGCTCTGTGTGCTGCTGTAATCTC 780
 721 CCATCTGATGAGCAGGTGAATCTGAACTGCTCTGTGTGCTGCTGTAATCTC 780

781 TATCCGAGAGGCCAAACTGACCTGGAAAGGTGGATAAGCCCTCCAAATGGGTAACCTC 840
 781 TATCCGAGAGGCCAAACTGACCTGGAAAGGTGGATAAGCCCTCCAAATGGGTAACCTC 840

QY 841 CAGGAGAGTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 900
 841 CAGGAGAGTCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 900

RESULT 2
 US-09-766-995-5

Sequence 5, Application US/09766995
 Patent No. US20020052481A1

APPLICANT: Graham P. Allaway et al.
 TITLE OF INVENTION: NON PEPTIDYL MOIETY-CONJUGATED CD4-GAMMA2 AND CD4-19G2 IMMUNOCOMPLEX
 FILE REFERENCE: 2048/41215-CB/JPW/SHS
 CURRENT APPLICATION NUMBER: US/09/766,995
 NUMBER OF SEQ ID NOS: 9
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 5
 LENGTH: 1149
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-766-995-5

Query Match 100.0%; Score 1149; DB 9; Length 1149;
 Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0;
 Matches 1149; Conservative 0; Indels 0; Gaps 0;

1 CAAGCCCCAGGCCCTGCAATTCCTGTGGCTCTAGTCCCTACTGCTCAGCCCTCTCC 60
 1 CAAGCCCCAGGCCCTGCAATTCCTGTGGCTCTAGTCCCTACTGCTCAGCCCTCTCC 60

QY 121 CTGGCGCTCTCCAGCACCCACTCTGAGTGGCTCTAGGCTCTAGTCCCTACTGCTCAGCCCTCTCC 60
 121 CTGGCGCTCTCCAGCACCCACTCTGAGTGGCTCTAGGCTCTAGTCCCTACTGCTCAGCCCTCTCC 60

QY 181 ACAGTGGACTGACCTGTACAGTTCAGGAAAGAGACATACATTCCACTGGAAAAC 240
 181 ACAGTGGACTGACCTGTACAGTTCAGGAAAGAGACATACATTCCACTGGAAAAC 240

QY 1081 TCCACAGGGACCTACCCCTATGGGCTCTAGGCTATCTGACCTACCTGACCCCTCTCC 1140
 1081 TCCACAGGGACCTACCCCTATGGGCTCTAGGCTATCTGACCTACCTGACCCCTCTCC 1140

QY 1141 CTCCNCTT 1149
 1141 CTCCNCTT 1149

Db 1021 CCCACCTCTCTCAGTCCACGCTGACCCCTCCCTCTGGCTCTGACCTTT 1080
 1021 CCCACCTCTCTCAGTCCACGCTGACCCCTCCCTCTGGCTCTGACCTTT 1080

QY 961 GGCTGAGCTGGCTCACAGAGCTCACAGGGAGGAGTGTAGGGAGAGTC 1020
 961 GGCTGAGCTGGCTCACAGAGCTCACAGGGAGGAGTGTAGGGAGAGTC 1020

QY 901 AGCTGAGAAAGAGACTACGGAAACACAGCTAGCCGAGTGGCTGACCATCG 960
 901 AGCTGAGAAAGAGACTACGGAAACACAGCTAGCCGAGTGGCTGACCATCG 960

OM nucleic - nucleic search, using SW model

Run on: February 1, 2005, 03:49:56 ; Search time 98.0369 Seconds
 (without alignments)
 8325.401 Million cell updates/sec

Title: US-08-485-163-6

Perfect score: 1149

Sequence: 1 CAAGCCAGAGCCCTGCAT.....TCACCCCCCTCTCCCTCCTT 1149

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 824507 seqs, 35539441 residues

Total number of hits satisfying chosen parameters: 1649014

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
 Listing first 45 summaries

Database : Issued Patents No. *

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 2: /cnn2_6/pctodata/1/ina/5B_COMB.seq.*
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 5: /cnn2_6/pctodata/1/ina/pctus_COMB.seq.*
 5: /cgn2_6/pctodata/1/ina/backfile1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	ID	Description
1	1149	100.0	1149	3	US-08-477-460B-5		Sequence 5, Appli
2	1149	100.0	1149	3	US-08-379-516B-5		Sequence 5, Appli
3	1149	100.0	1149	3	US-09-329-916-5		Sequence 5, Appli
4	1149	100.0	1149	3	US-08-485-372A-5		Sequence 5, Appli
5	1149	100.0	1149	3	US-09-409-006A-5		Sequence 5, Appli
6	1149	100.0	1149	4	US-08-484-681-5		Sequence 5, Appli
7	1149	100.0	1149	4	US-09-766-995-5		Sequence 5, Appli
8	1149	100.0	1149	5	PCT-US93-07422-5		Sequence 5, Appli
9	696.8	60.6	2482	3	US-08-477-460B-3		Sequence 3, Appli
10	696.8	60.6	2482	3	US-08-379-516-3		Sequence 3, Appli
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12	696.8	60.6	2482	3	US-08-485-372A-3		Sequence 3, Appli
13	696.8	60.6	2482	3	US-09-409-006A-3		Sequence 3, Appli
14	696.8	60.6	2482	4	US-08-484-681-3		Sequence 3, Appli
15	696.8	60.6	2482	4	US-09-766-995-3		Sequence 3, Appli
16	696.8	60.6	2482	5	PCT-US93-07422-3		Sequence 3, Appli
17	59.8	59.8	1415	5	PCT-US92-08090-4		Sequence 4, Appli
18	687	59.8	1421	5	PCT-US92-08090-3		Sequence 3, Appli
19	687	59.8	1448	5	PCT-US92-00090-2		Sequence 2, Appli
20	687	59.8	1742	3	US-09-409-006A-3		Sequence 3, Appli
21	687	59.8	1742	4	US-09-023-655-1013		Sequence 3, Appli
22	687	59.8	1796	3	US-08-477-460B-1		Sequence 1, Appli
23	687	59.8	1796	3	US-08-379-516-1		Sequence 1, Appli
24	687	59.8	1796	3	US-09-329-916-1		Sequence 1, Appli
25	687	59.8	1796	3	US-08-485-372A-1		Sequence 1, Appli
26	687	59.8	1796	3	US-09-409-006A-1		Sequence 1, Appli
27	687	59.8	1796	4	US-08-484-681-1		Sequence 1, Appli

ALIGNMENTS

RESULT 1

US-08-477-460B-5

Sequence 5, Application US/08477460B
 Patent No. 603423

GENERAL INFORMATION:

APPLICANT: Progenics Pharmaceuticals, Inc.

TITLE OF INVENTION: NON-PEPTIDYL MOLE-COMJUGATED TITI OF INVENTION: CD4-GAMMA2 AND CD4-1992 IMMUNOCOCONJUGATES, AND USES THEREOF NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

ADDRESSEE: Cooper & Dunham

STREET: 30 Rockefeller Plaza

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10112

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.24

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/477,460B

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/927,931

FILING DATE: 07-AUG-1992

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 41215-A-PCT/JPW/AJM

TELECOMMUNICATION INFORMATION:

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TELEFAX: (121) 977-9809

TELEX: 422523 COOP UI

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 1149 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: unknown

MOLSCULE TYPE: cDNA

ORIGINAL SOURCE:

ORGANISM: homo sapien

CELL TYPE: lymphocyte

US-08-477-460B-5

Query Match Best Local Similarity 100.0%; Score 1149; DB 3; Length 1149;

